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Fig. 1.

STEGOMYIA FASCIATA FABR. FEMALE.

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Fig. 2.

STEGOMYIA FASCIATA FABR. MALE.

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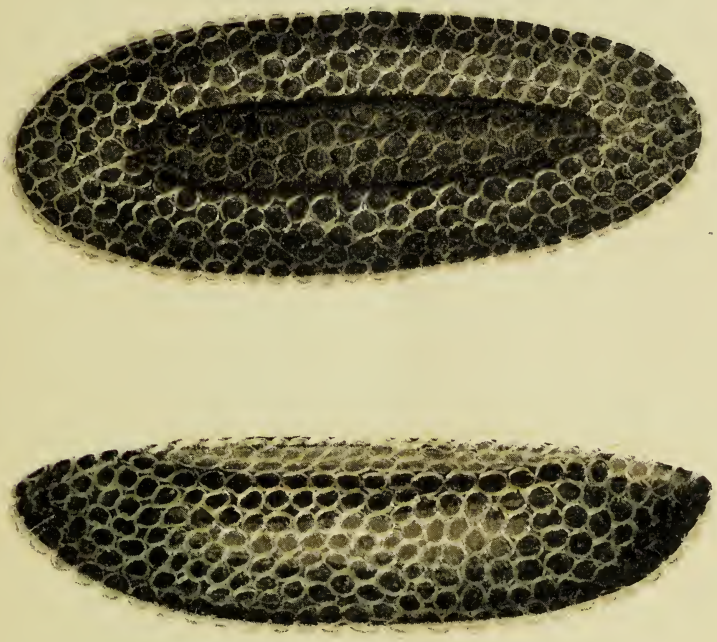

Fig. 3.

EGGS OF STEGOMYIA FASCIATA, UPPER AND SIDE VIEW.

(AMPLIFICATION 150)

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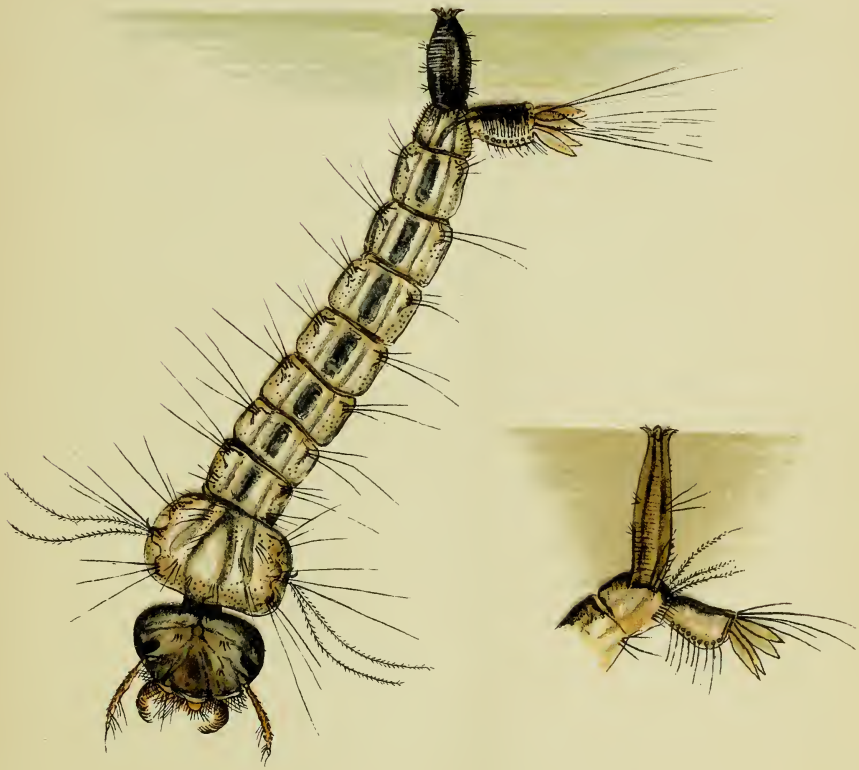

Fig.4.

MATURE LARVA OF STEGOMYIA FASCIATA.
RESPIRATORY SIPHON OF CULEX TO THE RIGHT.

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Fig. 5.

PUPA OF STEGOMYIA FASCIATA FABR.

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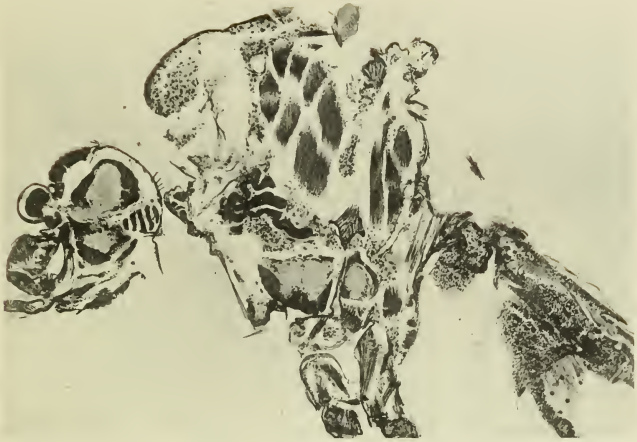

FIG. 6.

SAGGITAL SECTION OF FRESH UNCONTAMINATED STEGOMYIA FASCIATA SHOWING RELATION OF SALIVARY GLANDS.

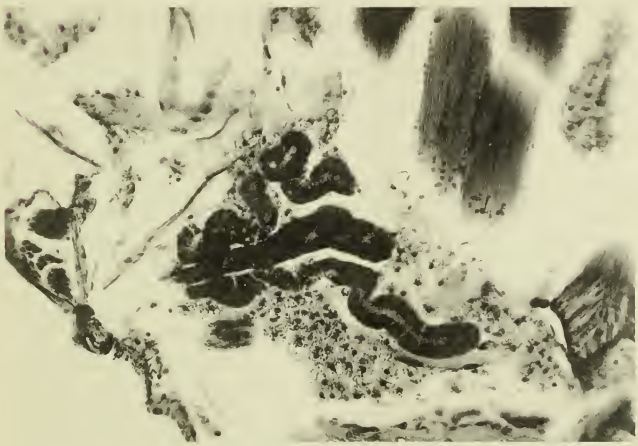

FIG. 7.

SAME AS FIG. 6, ENLARGED, SHOWING SALIVARY TUBULES IMBEDDED IN LOOSE CONNECTIVE TISSUE; BEHIND THE TUBULES, THE ESOPHAGEAL DIVERTICULUM.

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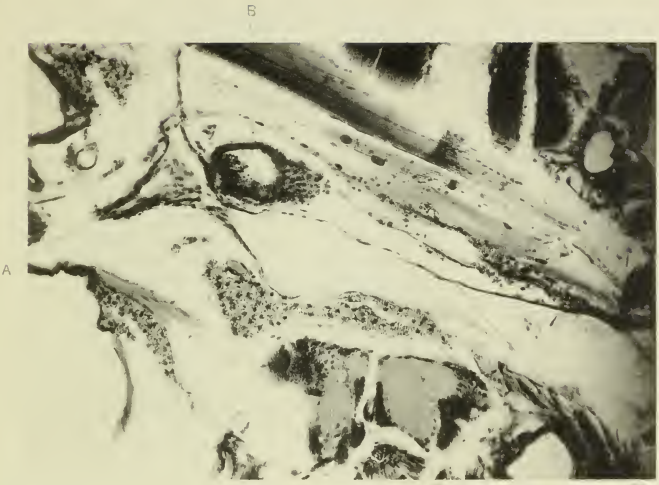

FIG. 8.

SAME MOSQUITO AS FIGS. 6, 7, SHOWING MEDIAN PLANE OF MOSQUITO;
A. ESOPHAGUS; B. HOMOLOGUE OF PROVENTRICULUS; C. UPPER
AND LOWER BORDER OF ESOPHAGEAL DIVERTICULUM;
D. THORACIC GANGLION.

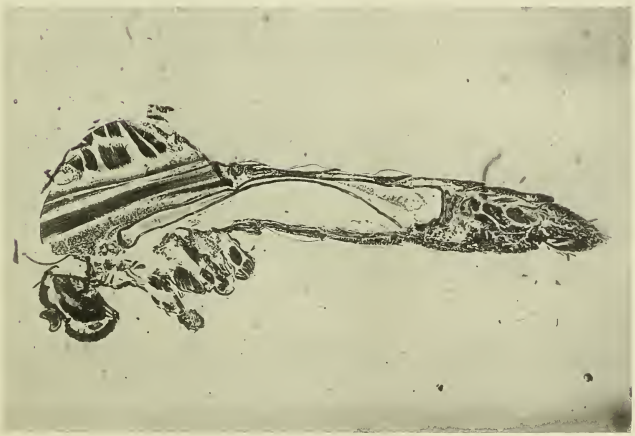

FIG. 9.

SHOWING THE WHOLE MID-GUT (THE STOMACH) THE ANTERIOR CONSTRICTED
AND POSTERIOR DILATED PORTIONS; BELOW, THE
ESOPHAGEAL DIVERTICULUM.

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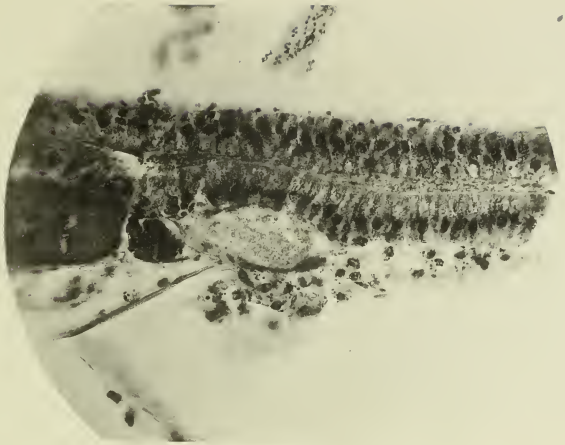

FIG. 10.

EPITHELIUM OF MID-GUT, THE TWO LAYERS IN CONTACT.

FIG. 11.

NORMAL *Stegomyia Fasciata* SHOWING ANATOMY OF HIND-GUT. A, ESOPHAGEAL DIVERTICULUM. B, MID-GUT. C, PYLORIC DILATATION. D, COLON DILATATION. E, RECTAL DILATATION AND GLANDS.

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FIG. 12.

NORMAL STEGOMYIA FASCIATA SHOWING RECTUM AND RECTAL GLANDS.

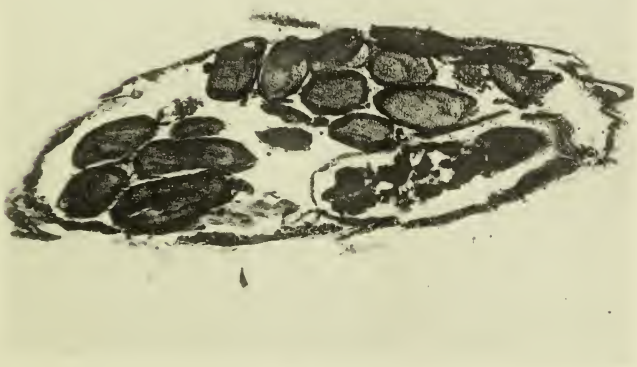

FIG. 13.

MATURE OVA OF NORMAL BLOOD-FED INSECT.

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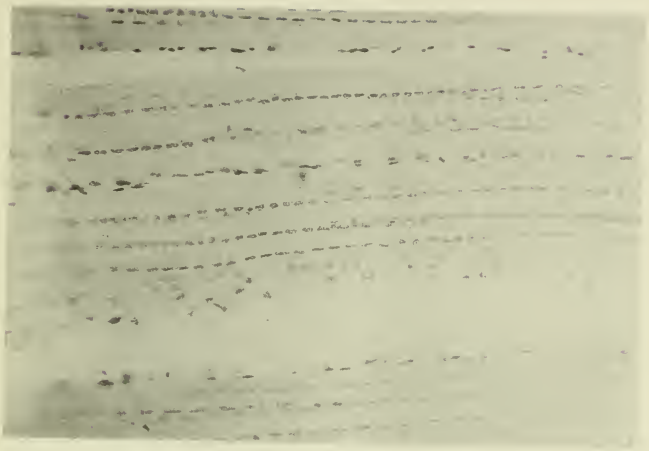

FIG. 14.

NORMAL MUSCLE PLATES OF THORAX OF *Stegomyia Fasciata*.

FIG. 15.

FUSIFORM SHAPE PROTOZOA, THE MYXOCOCCIDIUM STEGOMYIAE,
IN STOMACH AND ESOPHAGEAL DIVERTICULUM.

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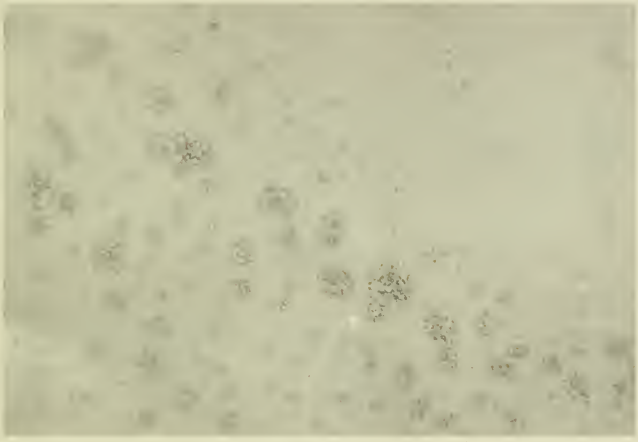

FIG. 16.

FRAGMENTATION OR MULTIPLE DIVISION OF THE (ZYGOTE?) AFTER GAINING ENTRANCE TO THE ALBUMINOID MASS.

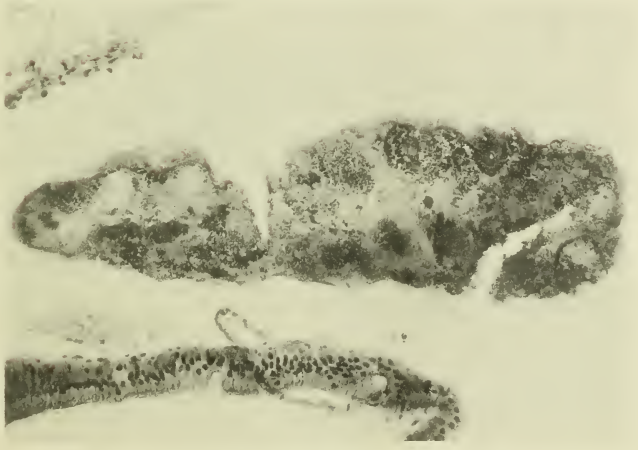

FIG. 17.

SURFACE OF ALBUMINOID MASS SHOWING MATURE AGGREGATIONS (OOCYSTS?) OF SPOROBLASTS?

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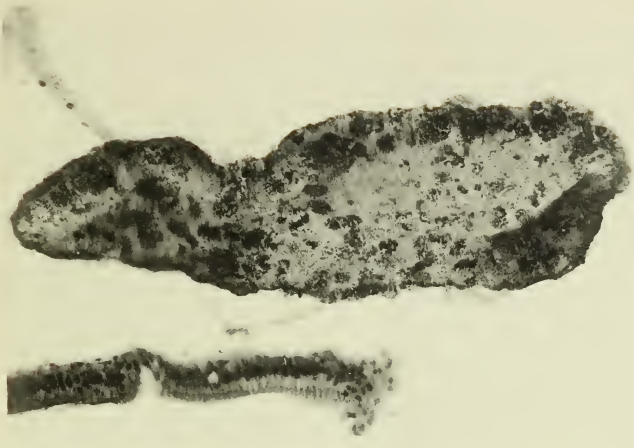

FIG. 18.

SAME MOSQUITO AS FIG. 17, SHOWING INTERIOR OF ALBUMINOID MASS.

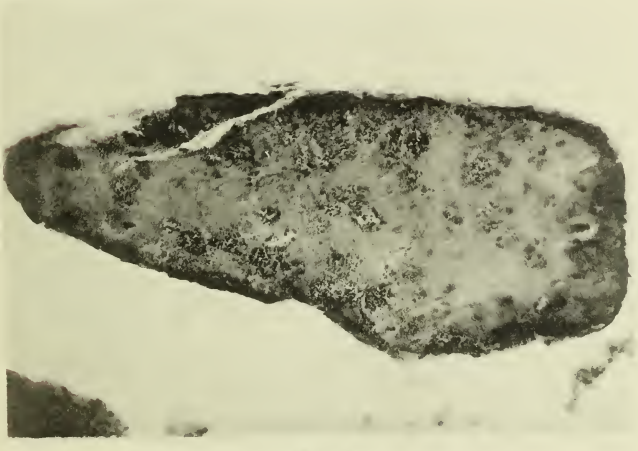

FIG. 19.

SAME SECTION AS FIGS. 17, 18 SHOWING CENTRE OF ALBUMINOID MASS.

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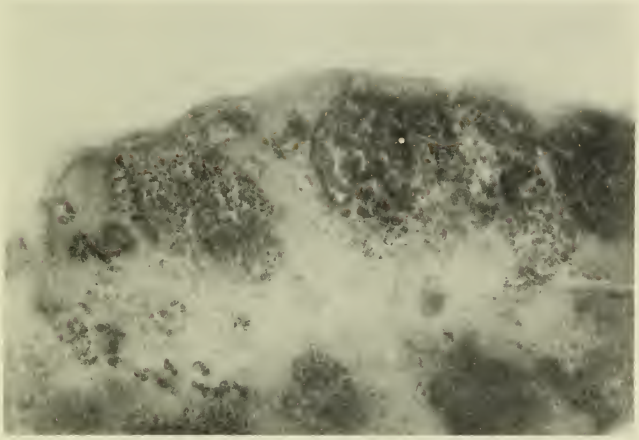

FIG. 20.

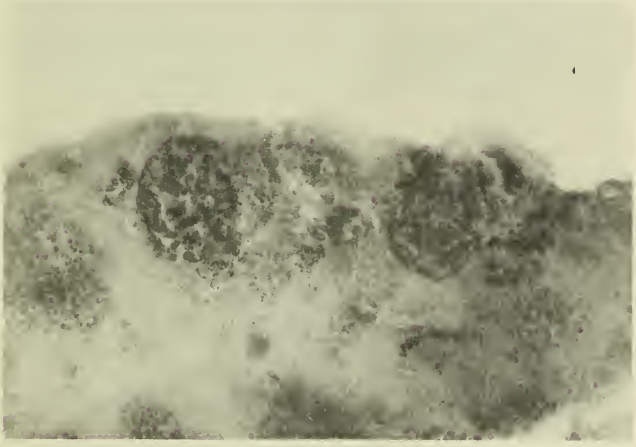

FIG. 21.

SAME AS FIG. 17, MORE HIGHLY MAGNIFIED SHOWING OOCYSTS? AND SPOROBLASTS?

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FIG. 22.

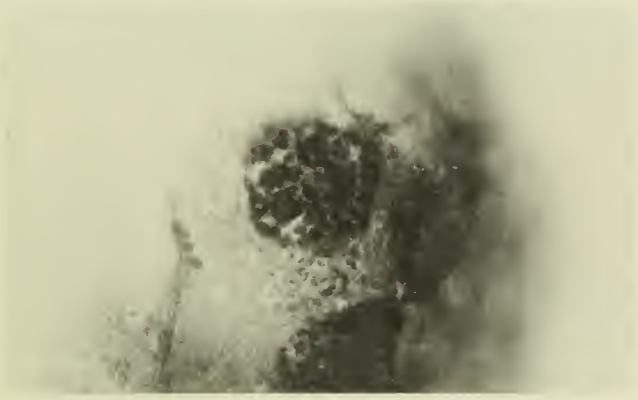

FIG. 23.

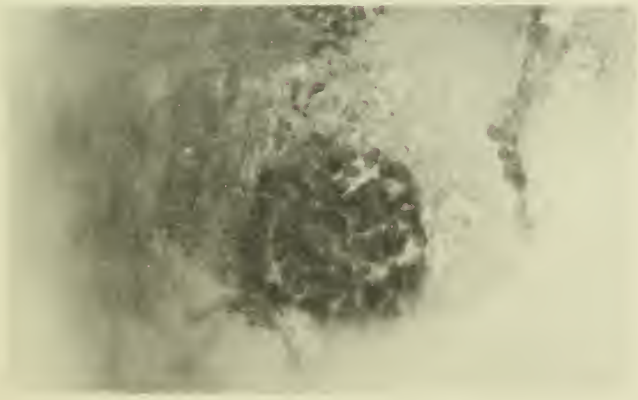

FIG. 24.

OOCYST? WITH LOW, MEDIUM AND HIGH MAGNIFICATION SHOWING ARRANGEMENT OF SPOROBLASTS?

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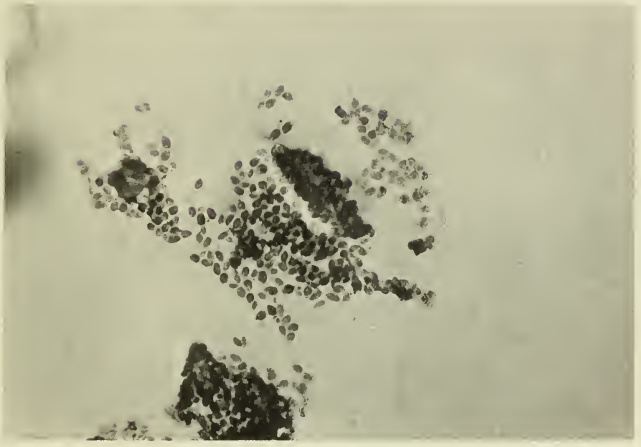

FIG. 25.

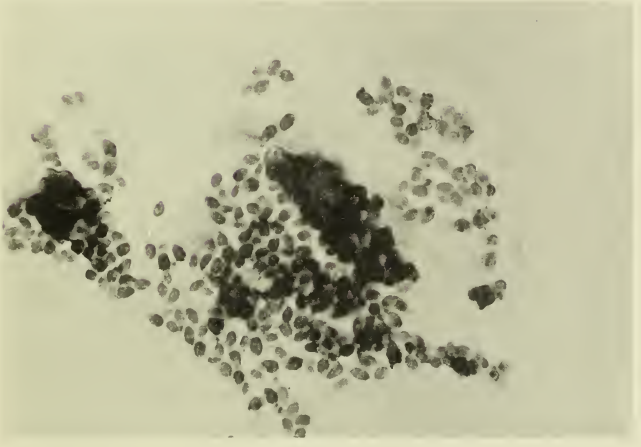

FIG. 26.

SHOWING LIBERATED SPERMOBLASTS? WHICH EVENTUALLY BECOME THE RESTING SPORE?

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FIG. 27.

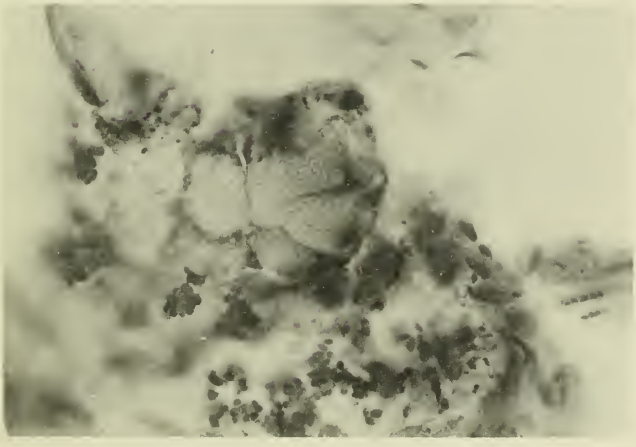

FIG. 28.

SHOWING THE "SPOROBLASTS?" DISSEMINATED THROUGHOUT THE CONNECTIVE TISSUE SUPPORTING THE SALIVARY GLAND.

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Fig. 29.

Fig. 30.

Fig. 29. 30. SHOWING THE "SPORE?" CONTAINING THE SPOROZOITE? IN THE SALVARY GLAND CELLS.

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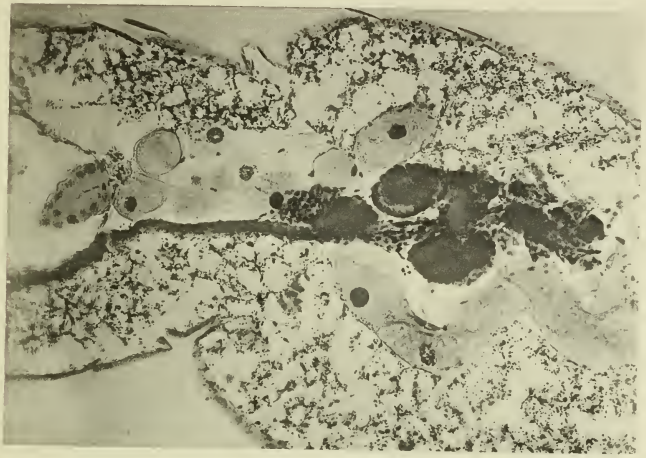

FIG. 31.

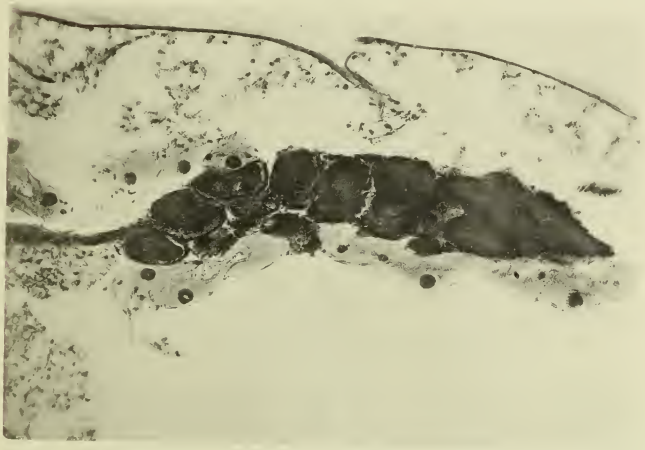

FIG. 32.

SHOW DEGENERATION OF OVA IN CONTAMINATED MOSQUITOES.

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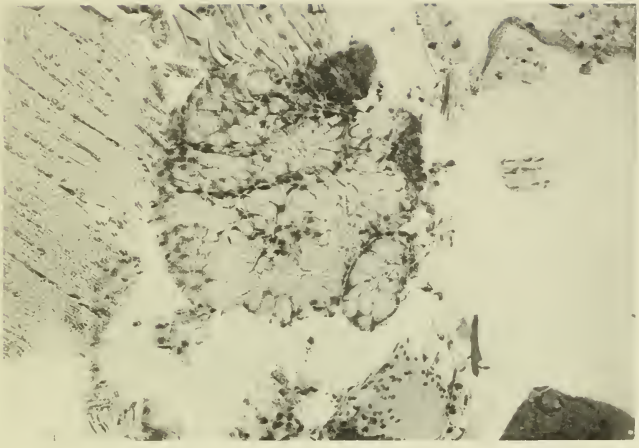

FIG. 33.

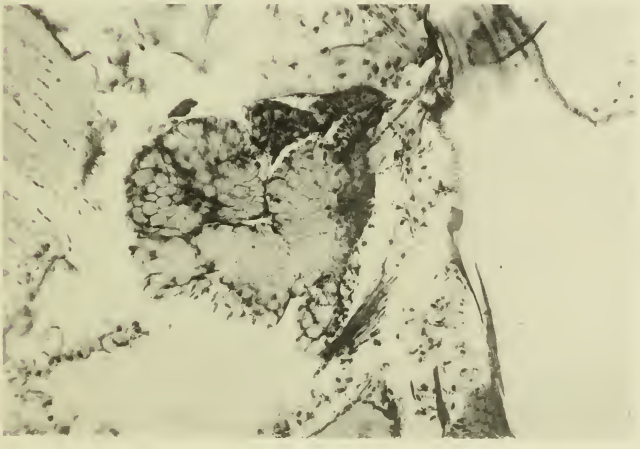

FIG. 34.

SHOWING HYPERTROPHY AND CONVOLUTIONS OF SALIVARY GLANDS
OF CONTAMINATED INSECTS

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Fig. 35.

CULEX TAENIORHYNCHUS WIEDEM - FEMALE.

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Fig. 36.

ANOPHELES ARGYROTARSIS DESV.
SUBSPECIES: ALBIPES THEO.

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Fig. 37.

ANOPHELES MACULIPENNIS MEIGEN.

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Fig. 38.

ANOPHELES PSEUDOPUNCTIPENNIS THEOBALD.

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Fig. 39.

CULEX CONFIRMATUS.
(ARRIBALZAGA)

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Fig. 40.

TAENIORHYNCHUS FASCIOLATUS (ARRIBALZAGA).

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Fig. 41.

JANTHINOSOMA LUTZII ARRIBAL.

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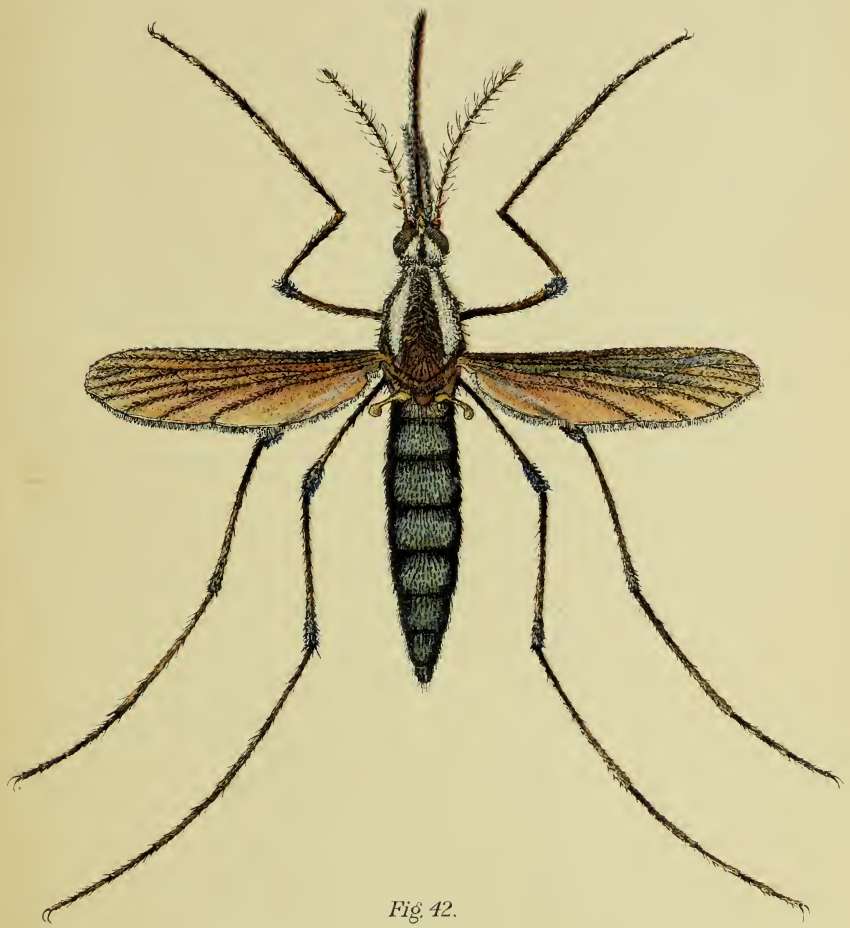

Fig. 42.

PSOROPHORA SCINTILLANS ARRIBALZAGA.

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Fig. 43.

PANOPLITES PSEUDOTITILLANS THEOBALD.
WINGSCALES BELOW.

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